

## Active Recombinant Human BTLA, HlgG1 Fc-tagged

Cat. No. BTLA-189H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human CD272 (NP_861445.3) (Lys31-Ser157) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	31-157 a.a.
<b>Description</b>	This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured in a competitive binding assay.
<b>Molecular Mass</b>	41KDa (monomer)
<b>AA Sequence</b>	Lys31-Ser157
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">

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<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">BTLA B and T lymphocyte associated [ Homo sapiens ]</a>
<b>Official Symbol</b>	BTLA
<b>Synonyms</b>	BTLA; B and T lymphocyte associated; B- and T-lymphocyte attenuator; BTLA1; CD272; B and T lymphocyte attenuator; B- and T-lymphocyte-associated protein; FLJ16065; MGC129743;
<b>Gene ID</b>	<a href="#">151888</a>
<b>mRNA Refseq</b>	<a href="#">NM_001085357</a>
<b>Protein Refseq</b>	<a href="#">NP_001078826</a>
<b>MIM</b>	<a href="#">607925</a>
<b>UniProt ID</b>	<a href="#">Q7Z6A9</a>
<b>Chromosome Location</b>	3q13.2

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<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Immune System, organism-specific biosystem;
<b>Function</b>	receptor activity;

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